



**MINISTER OF AGRICULTURE
REPUBLIC OF INDONESIA**

**REGULATION OF THE MINISTER OF AGRICULTURE OF THE REPUBLIC OF
INDONESIA NUMBER 50 OF 2020**

REGARDING

**SUPERVISION AND CONTROL ON THE VARIETIES OF AGRICULTURAL
GENETICALLY ENGINEERED PRODUCT (GEP) PLANTS CIRCULATING IN
THE TERRITORY OF THE REPUBLIC OF INDONESIA**

BY THE GRACE OF GOD ALMIGHTY

THE MINISTER OF AGRICULTURE OF THE REPUBLIC OF INDONESIA,

- Considering** : a. whereas genetically engineered product (GEP) plants other than having excellence is also having risks to the health of human, animal, and environment;
- b. whereas in order to minimize the risk of adverse effects to the human, animal and environmental health, it is necessary to supervise and control the genetically engineered product (GEP) plants;
- c. whereas based on the considerations as referred to in letter a and b, it is necessary to stipulate a Regulation of the Minister of Agriculture concerning the Supervision and Control on the Varieties of Agricultural Genetically Engineered Product (GEP) Plants Circulating in the Territory of the Republic of Indonesia;

- In view of** : 1. Article 17 paragraph (3) of the Constitution of the Republic of Indonesia of 1945;

2. Law Number 39 of 2008 concerning the State Ministry (State Gazette of the Republic of Indonesia Number 166 of 2008, Supplement to the State Gazette of the Republic of Indonesia Number 4916);
3. Government Regulation Number 21 of 2005 concerning Biosafety of Genetically Engineered Products (State Gazette of the Republic of Indonesia Number 44 Year 2005, Supplement to State Gazette of the Republic of Indonesia Number 4498);
4. Presidential Regulation Number 45 of 2015 concerning the Ministry of Agriculture (State Gazette of the Republic of Indonesia Number 85 of 2015);
5. Presidential Regulation Number 68 of 2019 concerning State Ministry Organization (State Gazette of the Republic of Indonesia Number 203 of 2019);
6. Regulation of the Minister of Agriculture Number 43/Permentan/OT.010/8/2015 concerning Organization and Administration of the Ministry of Agriculture (State Gazette of the Republic of Indonesia Number 1243 of 2015);

HAS DECIDED:

To Stipulate: REGULATION OF THE MINISTER OF AGRICULTURE REGARDING SUPERVISION AND CONTROL ON THE VARIETIES OF AGRICULTURAL GENETICALLY ENGINEERED PRODUCT (GEP) PLANTS CIRCULATING IN THE TERRITORY OF THE REPUBLIC OF INDONESIA.

CHAPTER I GENERAL PROVISIONS

Article 1

In this Regulation of the Minister, referred to as:

1. Plant Varieties hereinafter referred to as Varieties shall be a group of plants of a type of species that is marked by shape of plant, growth of plant, leaf, flower, fruit, seed and expression of genotype characteristics

or combination of genotype that can be distinguished from the same species by at least one determining gene and if multiplied, it does not experience change.

2. Genetically Engineered Product or modified product organism, hereinafter abbreviated as GEP, shall be living organism, the parts and/or processed products having new genetic structure from the result of application of modern biotechnology.
3. Agricultural PRG Plant shall be plants produced from the application of genetic engineering techniques which consist of Food Agriculture GEP Plants, Plantation Agricultural GEP Plants, Horticultural Agricultural GEP Plants and Forage Green Agricultural GEP Plants.
4. Supervision shall be activity process to know the result of implementation, error, failure to repair, then prevent so that the implementation is not different with the plan that has been determined.
5. Control shall be process or activity in directing a group of variables or parameters to achieve the purposes and targets that have been determined previously.
6. Assessment shall be the overall examination process of document and testing GEP as well as the relevant social-economic factor.
7. Holder of Permit for Circulation of Agricultural GEP Plants which hereinafter referred to as the Permit Holder, shall be an individual, a group of people and/or a legal entity that has a permit to distribute agricultural GEP Plants in the territory of the Republic of Indonesia.
8. Routine Monitoring Report shall be a report prepared by the Permit Holder to identify potential adverse effects of Agricultural GEP Plants and irregularities in the situation on non-GEP Plants.
9. Release shall be statement of recognition of a result of breeding into excellent variety and may be disseminated after meeting the requirements based on the applicable relevant laws and regulations.
10. Circulation shall be every activity or series of activities in the framework of distributing commodity to public, whether for trading or not.
11. Commission for Biosafety of Genetically Engineered Product, hereinafter abbreviated as CB GEP (*KKH PRG*), shall be commission that has the

duties to provide recommendation to the Minister, Minister in charge and Head of Non-Ministry Government Agency in charge of preparing and determining policies as well as issuing certificate of Biosafety of GEP.

12. Registration of variety shall be public service for data recording of variety in the framework of Supervision of Seed Circulation.
13. Day shall be calendar day.
14. Minister shall be the minister who holds government affairs in the Agricultural sector.
15. The Head of Agricultural Research and Development Agency, hereinafter referred to as the Head of Agency shall be the Head of Echelon I work unit within the Ministry of Agriculture having the task of conducting research, development and innovation in agriculture.

CHAPTER II

SUPERVISION ON THE VARIETIES OF AGRICULTURAL GEP PLANTS

Part One

General

Article 2

Supervision on the Varieties of Agricultural GEP Plants is conducted by routine monitoring and case reporting.

Part Two

Routine Monitoring

Article 3

Such routine monitoring as referred to in Article 2 is conducted by Permit Holder.

Article 4

- (1) Such routine monitoring as referred to in Article 3 is conducted in the third year since Agricultural GEP Plants are circulated within the territory of the State of the Republic of Indonesia.

- (2) Such routine monitoring as referred to in paragraph (1) is conducted for 3 (three) years consecutively.
- (3) Such routine monitoring as referred to in paragraph (1) is conducted to find out its impact on the health of livestock and environment.

Article 5

Such routine monitoring as referred to in Article 3 is conducted through:

- a. questionnaire surveys to farmers;
- b. analysis on scientific papers; and
- c. analysis on agriculture environmental data.

Article 6

- (1) Such survey as referred to in Article 5 letter a is conducted by an independent surveying agency or university by using the questionnaire in conformance to Format-1 as shown in the Attachment being an inseparable part of this Ministerial Regulation.
- (2) Such survey as referred to in paragraph (1) is funded by the Permit Holder.
- (3) Such survey as referred to in paragraph (1) to use *multi-stage cluster sampling method* with samples taken from, at least:
 - a. 3 (three) regencies/cities if the agricultural GEP Plants are planted in 1 (one) province;
 - b. 3 (three) regencies/cities in 2 (two) provinces if the agricultural GEP Plants are planted in 2 (two) provinces; or
 - c. 3 (three) provinces if the agricultural GEP Plants are planted in 3 (three) provinces or more.

Article 7

- (1) Such analysis on scientific paper as referred to in Article 5 letter b explains the impact of agricultural GEP Plants on the health of livestock and environment.
- (2) Such impact as referred to in paragraph (1) may take the form of negative impact and/or positive impact of the circulation of agricultural GEP Plants

on the health of livestock and environment.

Article 8

- (1) Such analysis on the data of agricultural environment at the planting area of Agricultural GEP Plants as referred to in Article 5 letter c is conducted by an independent surveying agency which is funded by the Permit Holder.
- (2) Such environmental data as referred to in paragraph (1) is obtained from the supervisory network within the Ministry of Agriculture.
- (3) Such supervisory network as referred to in paragraph (2) comprises of:
 - a. pests and plants' diseases supervisor;
 - b. medical veterinary;
 - c. seeds supervisor;
 - d. pesticide supervisor;
 - e. livestock food supervisor; and
 - f. irrigation water's quality supervisor.

Article 9

- (1) The implementation of such routine monitoring as referred to in Article 3 is submitted to the Minister in writing through the Head of Agency in the form of Routine Monitoring Report.
- (2) Such Routine Monitoring Report as referred to in paragraph (1) is to be submitted 1 (one) time in every 12 (twelve) months by enclosing documents as follows:
 - a. farmers' questionnaire analysis;
 - b. a scientific paper about the impact of Agricultural GEP Plants on the health of livestock and environment; and
 - c. analysis on the data in the planting area of Agricultural GEP Plants.
- (3) Routine Monitoring Report as referred to in paragraph (1) is submitted in conformance to Format-2 as included in the Attachment being an inseparable part of this Ministerial Regulation.

Article 10

- (1) Such documents as referred to in Article 9 paragraph (2) must have been already checked within no later than 14 (fourteen) Days period since they are received by such Head of Agency as referred to in Article 9 paragraph (1).
- (2) If the results of check on the completeness of such documents as referred to in paragraph (1):
 - a. are stated as incomplete, the Routine Monitoring Report is to be returned to the Permit Holder by the Head of Agency; or
 - b. are stated complete, the Head of Agency to do a Review on the Routine Monitoring Report.

Article 11

- (1) In conducting such review as referred to in Article 10 paragraph (2) letter b, the Head of Agency is assisted by the Supervisory Team of Agricultural GEP Plants.
- (2) Based on the results of such review as referred to in paragraph (1), the Head of Agency to present a report to the Minister that:
 - a. The circulating Agricultural GEP Plants do not cause a negative impact on the health of livestock and/or environment; or
 - b. The circulating Agricultural GEP Plants show the indications of an adverse impact on the health of livestock and /or environment;
- (3) In case the results of review show such indications of adverse impact on the health of livestock and /or environment as referred to in paragraph (2) letter b, the Minister to assign CB GEP (*KKH PRG*) to do further checks.

Part Three

Case Reporting

Article 12

- (1) Such case reporting as referred to in Article 2 is to be conducted in case it is found out any negative impact of Agricultural GEP Plants on the living environment, human's health and/or animal's health.

- (2) Such case reporting as referred to in paragraph (1) is submitted to the Minister in writing through the Head of Agency by:
 - a. Permit Holder;
 - b. The related government institutions; and/or
 - c. Farmers or the people.

Article 13

- (1) Such case reporting as referred to in Article 10 paragraph (2) letter a and letter b is required to be submitted within a period of no later than 10 (ten) Days since it is known the negative impact.
- (2) Such case reporting as referred to in paragraph (1) is arranged in conformance to Format-3 as included in the Attachment being an inseparable part of this Minister Regulation.

Article 14

- (1) The Head of Agency within no later than 3 (three) days period after having received such case Reporting as referred to in Article 12 paragraph (2), to conduct a Review.
- (2) In conducting such review as referred to in paragraph (1), the Head of Agency is assisted by the Supervisory Team of Agricultural GEP Plants.
- (3) Based on the results of such review as referred to in paragraph (1), the Head of Agency to present a report to the Minister that:
 - a. The circulating agricultural GEP Plants circulating do not cause any adverse impact on the health of livestock and /or environment; or
 - b. The circulating agricultural GEP Plants show the indications of an adverse impact on the health of livestock and /or environment;
- (4) In case the results of review show such indications of adverse impact on the health of livestock and/or environment as referred to in paragraph (3) letter b, the Minister to assign CB GEP (*KKH PRG*) to do further checks.

Article 15

- (1) CB GEP (*KKH PRG*) after having accepted such assignment from the Minister as referred to in Article 11 paragraph (3) Article 14 paragraph (4) to conduct the examination and proving on said report:

- (2) The results of such examination and proving as referred to in paragraph (1) are in the form of:
 - a. There is a negative impact on the health of livestock and/or environment, CB GEP (*KKH PRG*) to submit a recommendation on the revocation to the decision of Releasing/Registering the Varieties of Agricultural GEP Plants to the Minister;
 - b. It is not proved of causing any adverse impact on the health of livestock and/or environment, CB GEP (*KKH PRG*) to present the results of examination to the Minister;
- (3) The Minister through the Head of Agency to inform the reporting party that the Varieties of Agricultural GEP Plants do not cause any adverse impact on the health of livestock and/or environment after having received such results of KKH examination as referred to in paragraph (2) letter b.

Article 16

The requirements on such Supervisory Team on Agricultural GEP Plants as referred to in Article 11 paragraph (1) and Article 14 paragraph (2) shall be set forth by the Head of Agency.

CHAPTER III

ACTS OF CONTROL ON AGRICULTURAL GEP PLANTS

Article 17

- (1) Control on Agricultural GEP Plants which cause a negative impact on the health of livestock and/or environment is conducted through:
 - a. a termination on the circulation of Agricultural GEP Plants' seeds.
 - b. a recall of Agricultural GEP Plants from the circulation; and/or
 - c. a revocation on the decision to Release/Register the Varieties of Agricultural GEP Plants.
- (2) In the event that an Owner of PRG Varieties does not conduct such routine monitoring as referred to in Article 4 paragraph (2), it is done a termination and recall on the Agricultural GEP Plants' seeds from the circulation.

- (3) Such termination and recall from the circulation as referred to in paragraph (2) are to be followed by a revocation on the decision to release/register the Varieties of Agricultural GEP Plants.

Article 18

- (1) Such Termination and Recall as referred to in Article 17 letter a and letter b are done on such Varieties of Agricultural GEP Plants which show the indications of causing an adverse impact as referred to in Article 11 paragraph (3) and Article 14 paragraph (3).
- (2) Such Termination and Recall on Agricultural GEP Plants as referred to in paragraph (1) is done by the Permit Holder.

Article 19

- (1) Such revocation as referred to in Article 17 letter c shall be done upon having received a recommendation from CB (*KKH*).
- (2) Such revocation as referred to in paragraph (1) shall be done by applying a Minister of Agriculture's Decree.

Article 20

Such Termination and Recall on Agricultural GEP Plants as referred to in Article 18 and such Revocation on Agricultural GEP Plants as referred to in Article 19 shall be done in accordance with the requirements of statutory regulation.

CHAPTER IV TRANSITIONAL PROVISIONS

Article 21

When this Ministerial Regulation comes into effect, the Varieties of Agricultural GEP Plants already released based on the Decree on Release/Registration of Varieties to follow this Ministerial Regulation.

CHAPTER V
CLOSING PROVISIONS

Article 22

This Ministerial Regulation shall come into force as of the date of its stipulation.

In order that everyone is aware of, instructing the enactment of this Ministerial Regulation by posting it in the State Gazette of the Republic of Indonesia

Stipulated in Jakarta
on, December 30, 3020

MINISTER OF AGRICULTURE
OF THE REPUBLIC OF INDONESIA

SYAHRUL YASIN LIMPO

Promulgated in Jakarta
on

DIRECTOR GENERAL OF
LAWS AND REGULATIONS
MINISTRY OF LAW AND HUMAN RIGHTS OF THE REPUBLIC OF
INDONESIA,

WIDODO EKATJAHJANA

STATE GAZETTE OF THE REPUBLIC OF INDONESIA YEAR NUMBER

ATTACHMENT TO
THE REGULATION OF THE MINISTER OF AGRICULTURE OF
THE REPUBLIC OF INDONESIA NUMBER 50 OF 2020
REGARDING
SUPERVISION AND CONTROL ON THE VARIETIES OF
AGRICULTURAL GENETICALLY ENGINEERED PRODUCT
PLANTS WHICH CIRCULATE AND UTILIZED WITHIN THE
TERRITORY OF THE REPUBLIC OF INDONESIA.

A. QUESTIONNAIRE OF ROUTINE MONITORING ON AGRICULTURAL GEP PLANTS

The questionnaire of routine monitoring on GEP Plants constitutes a list of questions containing the information used to analyze the behavior, characteristics of those farmers who planted GEP Plants.

The questionnaire of routine monitoring on GEP Plants was developed in conformance to Format-1

B. COVER LETTER ON THE REPORT OF ROUTINE MONITORING ON AGRICULTURAL GEP PLANTS

Cover letter on the Report of Routine Monitoring on Agricultural GEP Plants is a letter made by the holder of GEP Plants distribution permit in the context of a routine monitoring implementation.

Cover letter on the Report of Routine Monitoring on Agricultural GEP Plants is prepared in accordance with Format-2.

C. COVER LETTER ON THE REPORT OF CASES ON AGRICULTURAL GEP PLANTS

Cover letter on Cases of Agricultural GEP Plants is a letter made by the reporting party in the event of any indications on a negative impact of agricultural GEP Plants on the living environment, human's health and/or animal's health.

Cover letter on the Case Report of Agricultural GEP Plants is prepared in accordance with Format-3.

Format-1. Questionnaire of Routine Monitoring on Agricultural GEP Plants

QUESTIONNAIRE OF GEP PLANTS MONITORING

I. IDENTITY

Farmer's Personal Data (confidential)

Name :

Address :

City :

Postal Code :

Interviewer's Data (completed by the interviewer)

Name :

Date of Interview :
(DD/MM/YY)

II. LIST OF QUESTIONNAIRE

1. Monitoring Area of GEP Plants Commodity

1.1 Location

Province :

Regency :

Sub-district :

1.2 Environment Around the Planting of GEP Plants

Which among the following questions are the most suitable to depict the land around the area planted with GEP Plants?

- ☐ agricultural land
- ☐ forest or wild habitat
- ☐ residences or industry
- ☐ others (mention)

1.3 Size and Quantity of GEP Plants Commodity's Cultivation Lands

The total area of non-GEP plants which are cultivated on the land (ha) :

The total area of GEP plants which are cultivated on the land (ha) :

The quantity of lands used for cultivating GEP plants (ha) :

1.4 Varieties of Commodity Planted

The varieties of GEP Plants planted this season:

1.
2.
3.
4.
5.

The Varieties of Non-GEP Plants planted this season:

1.
2.
3.
4.
5.

1.5 Characteristics of the Soil of the Plants Commodity's Planting Area

1.5.1 Mark the type of main soil (soil's texture) of the area planted with the plants' commodity:

- ☐ extremely fine (clay)
- ☐ fine (clay, sandy clay, dusty clay)
- ☐ Medium (sandy loam clay, loamy clay, sandy dust)
- ☐ Medium-fine (sandy loam clay, dusty loam)
- ☐ coarse (sand, loamy sand, sandy loam)

1.5.2 Mark the characteristics of soil's quality (fertility) of the area planted with the plants' commodity:

- ☐ under average (infertile)
- ☐ average (normal)
- ☐ above average (fertile)

1.5.3 The contents of organic carbon (%) (if any)

1.6 The pressure of local pest, disease, and weeds in the plants' commodity

The characteristics of common pest's, disease's, and weeds' pressure in the area planted with the plants' commodity in this season:

Pest (insecticide, nematode)	: o low	o normal	o high
Disease (fungi, virus, bacteria)	: o low	o normal	o high
Weeds	: o low	o normal	o high

2. Agronomy Practice/Special Cultivation to Plant the Plants' Commodity

2.1 Irrigation in the area planted with GEP Plants

☐ Yes ☐ No

If yes, which type of irrigation that you use:

☐ Hose ☐ Sprinkler ☐ Water Can ☐ Watering ☐ Irrigation ☐ Others,

2.2 The rotation of plants in the area planted with the plants' commodity

The previous planting season was planted with :

2 (two) previous planting seasons were planted with :

2.3 Soil Processing Practice

☐ Yes ☐ No

If yes, the soil processing period is conducted during:

☐ Rainy Season ☐ Dry Season

2.4 The planting technique of plants' commodity

- ☐ Conventional planting,
- ☐ Mulch (organic mulch/plastic mulch)
- ☐ Direct spread
- ☐ Others (mention)

2.5 Mark the controlling practices on pests, diseases or weeds performed during the planting of plants' commodity on your land:

- ☐ Herbicide, for weeds target :
- ☐ Insecticide, for pest insecticide target :
- ☐ Fungicide, for disease target :
- ☐ Mechanical control on weeds
- ☐ The application of bio-control treatment (e.g. Trichogramma), for disturbing organism:
- ☐ Others, please explain in detail :

2.6 The application of fertilizer on the area planted with the plants' commodity:

- ☐ Yes ☐ No

If yes, type of the fertilizer applied :

2.7 Range of time for the planting of plants' commodity (date/month date/month)

..... / - /

2.8 Range of Time for the harvesting of plants' commodity (date/month date/month)

..... / - /

3. Observation on GEP plants

3.1 Cultivation practice on GEP plants (compared to non-GEP plants).

Did you change cultivation practices on GEP plants comparative to non GEP plants ?

If you did, please explain such changes.

How did you make the rotation of plants for GEP plants comparative to that of non GEP plants ?

- ☐ As usual ☐ Changed, because (explain said rotation of plants):

Did you plant GEP Plants earlier or later than you did on non GEP plants?

- ☐ As usual ☐ Earlier ... weeks ☐ Later weeks, because:

Did you change the soil processing technique to plant GEP plants?

- ☐ As usual ☐ Changed, because

Select according to the traits of GEP plants planted:

The full trade name of insecticide (or its active substance) that you used on GEP plants, including for seeds treatment:

1. _____
2. _____
3. _____
4. _____
5. _____

The full trade name of herbicide (or its active substance) that you used on the land of GEP plants:

1. _____
2. _____
3. _____
4. _____
5. _____

The full trade name of fungicide (or its active substance) that you used on the land of GEP plants:

1. _____
2. _____
3. _____
4. _____
5. _____

In this planting season, how was the pest or disease or weeds controlling practice on GEP plants comparative to that of non-GEP plants ?

Insecticide : ☐ Same ☐ Different, because: _____

Herbicide : ☐ Same ☐ Different, because: _____

Fungicide : ☐ Same ☐ Different, because: _____

In this planting season, how was the fertilizer application practice on GEP plants comparative to that of non-GEP plants ?

☐ Same ☐ Different, because: _____

In this planting season, how was the irrigation practice on GEP plants comparative to that of non-GEP plants?

☐ Same ☐ Different, because: _____

Did you harvest GEP plants earlier or later than you did on non GEP plants?

☐ Same ☐ Earlier ... weeks ☐ Later weeks, because:

3.2 The characteristics of GEP plants on soil (compared to those of non GEP plants)

Sprouting time	:	<input type="radio"/> as usual	<input type="radio"/> quicker	<input type="radio"/> slower
Sprout's appearance	:	<input type="radio"/> as usual	<input type="radio"/> quicker	<input type="radio"/> slower
Plants' brightness	:	<input type="radio"/> as usual	<input type="radio"/> quicker	<input type="radio"/> slower
Flowering time	:	<input type="radio"/> as usual	<input type="radio"/> quicker	<input type="radio"/> slower
Plants' growth and development	:	<input type="radio"/> as usual	<input type="radio"/> quicker	<input type="radio"/> slower
Stem / root collapsing occurrence	:	<input type="radio"/> as usual	<input type="radio"/> quicker	<input type="radio"/> slower
Time of maturity	:	<input type="radio"/> as usual	<input type="radio"/> quicker	<input type="radio"/> slower
Production result	:	<input type="radio"/> as usual	<input type="radio"/> quicker	<input type="radio"/> slower
The growth occurrence of any left behind seeds on the planting land from the previous season (if relevant)	:	<input type="radio"/> as usual	<input type="radio"/> quicker	<input type="radio"/> slower

if any of the answers above are different from (as usual), please explain.

If yes, please explain any other observation or those not usually found in respect of GEP plants during the growing period: _____

3.3 The characteristics of GEP plants' sensitivity to pest, disease or weeds (comparative to that of non GEP plants)

In general, GEP plants' sensitivity to pest, disease or weeds compared to that of non GEP plants (stem boring pest, pod sucking pest, etc; fungus; virus, weeds):

☐ as usual ☐ more sensitive ☐ more resilient

If the above answer is different from "*as usual*", please explain the difference in its sensitivity to the pest, disease or weeds in the list and comments below:

Pest:

1. Pest _____ : ☐ More sensitive ☐ More resilient
2. Pest _____ : ☐ More sensitive ☐ More resilient
3. Pest _____ : ☐ More sensitive ☐ More resilient
4. Others _____ : ☐ More sensitive ☐ More resilient

Disease:

1. Disease _____ : ☐ More sensitive ☐ More resilient
2. Disease _____ : ☐ More sensitive ☐ More resilient
3. Disease _____ : ☐ More sensitive ☐ More resilient
4. Others _____ : ☐ More sensitive ☐ More resilient

Weeds:

1. Weeds _____ : ☐ More sensitive ☐ More resilient
2. Weeds _____ : ☐ More sensitive ☐ More resilient
3. Weeds _____ : ☐ More sensitive ☐ More resilient
4. Others _____ : ☐ More sensitive ☐ More resilient

Additional comment: _____

3.4 The effectiveness of GEP plants' leading characteristics (compared to those of non GEP plants)

In the leading characteristics found in GEP plants, the effectiveness of PRG\ varieties in:

1. Target characteristic 1:

- ☐ Excellent ☐ Good ☐ Bad ☐ Not known

2. Target characteristic 2:

- ☐ Excellent ☐ Good ☐ Bad ☐ Not known

3. Target characteristic 3:

- ☐ Excellent ☐ Good ☐ Bad ☐ Not known

Additional comment: _____

3.5 The population of wild animals on the land of GEP plants (compared to that of non GEP plants)

General impression on the population of wild animals (insect, bird, and other animals) on the land of GEP plants compared to that of non GEP plants):

Population of insect:

- ☐ As usual ☐ Added ☐ Reduced ☐ Not known

If the above answer is "Added" or "Reduced", please explain your observation:

Population of bird:

- ☐ As usual ☐ Added ☐ Reduced ☐ Not known

If the above answer is "Added" or "Reduced", please explain your observation:

Population of other animals (rat, weasel, etc):

- ☐ As usual ☐ Added ☐ Reduced ☐ Not known

If the above answer is "Added" or "Reduced", please explain your observation:

3.6 The use of GEP plants as feed (if during the previous season it was done the planting of this GEP plants)

Did you use the harvesting result of GEP plants to feed your livestock ?

- ☐ Yes ☐ No

If "Yes", please give your general impression on the condition of livestock feed with GEP plants comparative to those animals feed with non GEP plants:

- ☐ As usual ☐ Different ☐ Not known

If the above answer is different, please explain your observation:

3.7 Give an Additional Explanation or observation (e.g.: from those lands planted with GEP plants not selected for this survey).

4. The Implementation of GEP Plants Specific Procedure

4.1 Have you been given information on the good cultivation practice for GEP plants?

- ☐ Yes I have ☐ No I haven't

If yes, how was your opinion on said provision of information:

- ☐ Very useful ☐ Useful ☐ Not useful

4.2 PRG Seeds

Was the wrap of PRG seeds labeled and completed with a specific document explaining that those seeds were the intended GEP plants?

- ☐ Yes ☐ No

Did you follow the recommendation given in the specific document printed on said wrap of seeds?

- ☐ Yes ☐ No, because: _____

4.3 Prevention / Tenacity to insect (specifically for PRG Bt plants)

Did you plant refuges in accordance with the technical guidance?

☐ Yes

☐ No, because: _____

5. Social Economic Aspect

How is your opinion on PRG seeds, in relation to:

- ☐ The quality of PRG seeds compared to that of non PRG seeds?
- ☐ How did you obtain PRG seeds compared to that of non PRG seeds?
- ☐ The price of PRG seeds compared to the price of non PRG seeds?
- ☐ The potential risk of using PRG seeds compared to that of non PRG seeds?
- ☐ How were the production and income as well as PRG cultivation compared to those of non PRG?
- ☐ Was there any impact on the business of non PRG seeds production?

Format-2. Cover Letter on the Routine Monitoring Report of Agricultural GEP Plants

LETTER HEAD

(date, month, year)

Number :
Attachment :
Subject : Report on Routine Monitoring of Agricultural GEP Plants Commodity
.....

To

Minister of Agriculture cq. Head of Agency for Agricultural Research and Development.
in Jakarta

Herewith, we (Business Entity/Higher Education/Government Agency):

1. Name of Company/Agency *) :
2. Deed of Establishment/Legal Legality (enclosed) *) :
3. Taxpayer Identification Number (NPWP) enclosed :
4. Name of Leader/Person in Charge :
5. Office Address of Company/Agency :
6. Code Number of Company/Agency (if any) :

deliver report on routine monitoring of agricultural GEP plants..... (mention the name/type). As consideration, enclosed it is delivered data and document on analysis of questionnaire of farmer, analysis of scientific publication, and analysis of data of supervisor network to complete the concerned report.

In witness whereof, thank you for your attention.

Name and Signature
Leader/Person in Charge,

.....

*) Delete as applicable.

Format-3. Cover Letter on Case Report of Agricultural GEP Plants

LETTER HEAD

(date, month, year)

To.

Minister of Agriculture c.q. Head of Agency for Agricultural Research and Development
in Jakarta

Herewith, we:

1. Name :
2. Address :
3. Institution :

deliver report that on date has occurred detrimental impact to agricultural GEP plants (mention the name/type) to: (a) animal health, (b) non-target organism and biological diversity, (c) agricultural GEP plants into weeds, (d) *gene flow* *). The event occurs in land:

1. Name of owner / small holder :
2. Village / County :
3. Sub District :
4. Regency / City :
5. Province :

In witness whereof, this case report is drawn up in accordance with the facts occurred on site, thank you for your attention.

Name and Signature

Reporter,

.....

*) Delete unnecessary

THE MINISTER OF AGRICULTURE OF
THE REPUBLIC OF INDONESIA,
signed

SYAHRUL YASIN LIMPO